

## **AMENDMENTS TO THE SPECIFICATION**

**Please amend paragraph [0002] on pages 1-2 as follows:**

[0002]

Conventionally, many seamless capsules for use in the field of medicines and so on ~~are have been~~ manufactured by means of a so-called dropping method. A multiple nozzle is used for the dropping method. Thus, in the case of manufacturing two-layered capsules, a double nozzle having an ejection port for ejecting the capsule filling substance and an ejection port for ejecting the film forming substance respectively arranged at the inside and at the outside is used. The filling substance and the film forming substance are ejected from the tips of the respective nozzles into hardening liquid and the ejected liquid drops take a spherical form due to the surface tension thereof. Then, the liquid drops are cooled and hardened in the hardening liquid that is ~~forced to circulate~~circulated at a constant speed to make spherical seamless capsules.

**Please amend paragraph [0003] on page 2 as follows:**

[0003]

There has been an increasing demand for nonspherical capsules such as ellipsoidal capsules and oblong capsules in recent years for the purpose of easy ingestion, easy handling and differentiation of marketing. However, the above-described dropping method can only be used for manufacturing spherical capsules because it is a manufacturing method of utilizing surface tension and therefore ellipsoidal capsules have been ~~and being~~ manufactured exclusively by means of an ordinary sheet method.

**Please amend paragraph [0005] on page 3 as follows:**

[0005]

However, the above-cited known methods of manufacturing nonspherical capsules are accompanied by the following problems. Firstly, with the method of Patent Document 3, the cooling flow for forming a recess on each liquid drop requires a very delicate operation of adjusting the cooling flow for forming a recess on a liquid drop and it is very difficult to regulate the cutting flow and the recess forming flow to an optimal condition. Additionally, the cooling flow has to be adjusted each time the capsule size ~~is~~ or the capsule ingredients are ~~changed to~~

~~entail~~changed, which entails a cumbersome adjusting operation.

**Please amend paragraph [0010] on page 5 as follows:**

[0010]

Thus, according to the present invention, the liquid drops that are ejected from a nozzle into hardening liquid come to show a spherical profile once in a sol state in the hardening liquid. Then, as the flow rate of hardening liquid is changed while the spherical liquid drops are still held in a sol state, the liquid drops are deformed as a function of the change in the flow rate and turned to nonspherical liquid drops. Neither a narrow tube nor a mold having a diameter smaller than the diameter of the ejected spherical liquid drops is used to deform the liquid drops by ~~means of~~ in the manufacturing method according to the present ~~invention and simply~~invention; the flow rate of hardening liquid is simply changed in the molding process. Therefore, the tube or the like is prevented from being clogged and the flow of hardening liquid is prevented from being pulsated to consequently improve the quality of produced capsules and the productivity of manufacturing capsules.

**Please amend paragraph [0023] on pages 11-12 as follows:**

**Explanation of Reference Symbols**

[0023]

- 1: core liquid
- 2: core liquid tank
- 3: film forming liquid
- 4: film forming liquid tank
- 5: pump
- 6: tube passage
- 7: multiple nozzle
- 8: pump
- 9: tube passage
- 10: hardening liquid
- 11: flow passage tube

11A: inflow section  
11B: outflow section  
11C: engaging section  
12: separator  
13: mesh  
16: separation tank  
19: pump  
20: tube passage  
21: cooling tank  
22: cooler  
23: pump  
24: tube passage  
25: inlet part  
26: liquid drop  
27: liquid drop  
28: deformation section  
28a: lead in part  
28b: formation tube part  
28c: lead out part  
 $D_0$ : liquid drop diameter  
 $D_1$ : formation tube part inner diameter  
 $D_2$ : inlet part inner diameter  
 $L_1$ : formation tube part length  
 $L_2$ : length from inlet part upper end to formation tube part inlet  
S: cross section of formation tube part  
SC: seamless capsule

Please amend the sub-heading on page 3, line 12 as follows:

~~Best Mode for Carrying Out~~Detailed Description of the Invention

**Please amend paragraph [0072] on page 35 as follows:**

[0072]

The present invention is not limited to the above embodiments and various changes and modifications can be made ~~within~~without deviating from the spirit and scope of the present invention.